Alberta Official Statistics

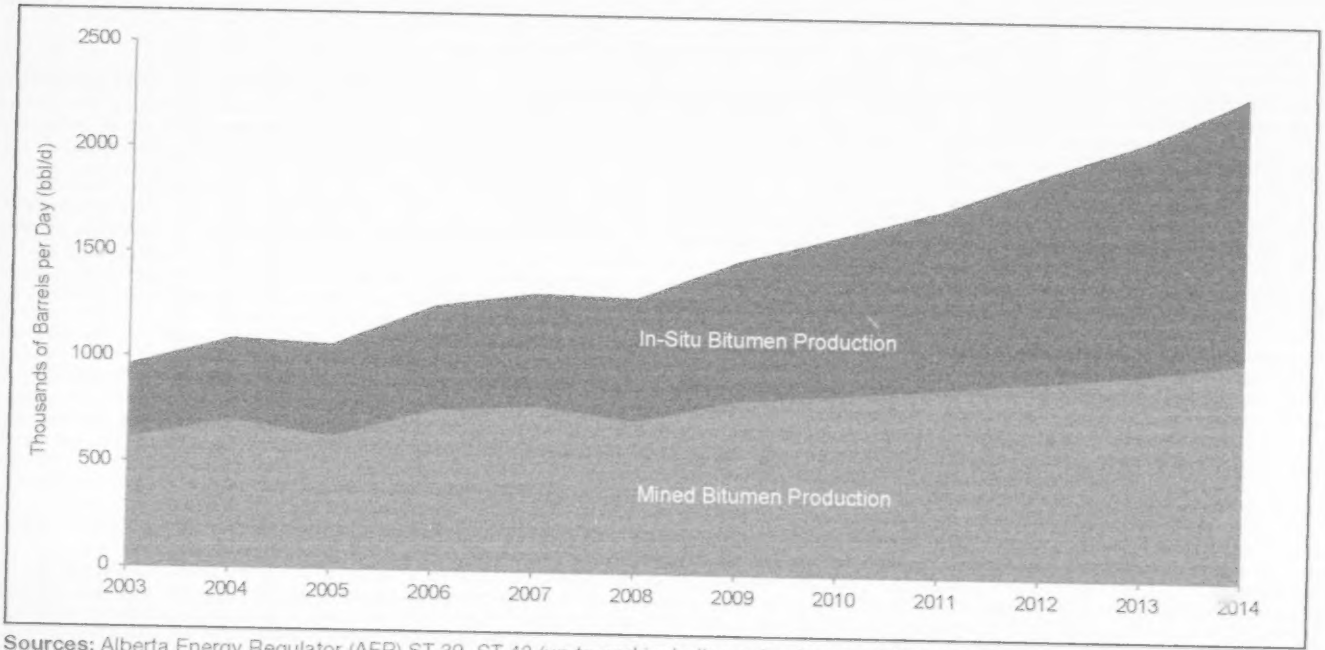
Total Bitumen Production, Alberta

- Alberta's total bitumen production, which consists of mined and in-situ bitumen production, reached 2,304,000 barrels per day (bbl/d) in 2014, a 10% increase over the 2,085,000 bbl/d produced in 2013.
  - In-situ bitumen production increased by 14% from 1,109,000 bbl/d reported in 2013 to 1,266,000 bbl/d in 2014.
  - Alberta's mined bitumen production increased by about 6%, from 977,000 bbl/d in 2013 to 1,038,000 bbl/d in 2014.
  - In-situ bitumen production surpassed mined bitumen production for the first time ever in 2012, as the in-situ bitumen production share of total bitumen production increased from 49% in 2011 to 52% in 2012.
  - In 2014, in-situ bitumen production's share of total bitumen production in Alberta increased to 55% from 53% in 2013.
- Total bitumen production is different from total marketable oil sands production, which is reported in the Total Crude Oil and Equivalent Production Alberta Official Statistic. Marketable oil sands production consists of synthetic crude oil and marketable bitumen.
- Marketable oil sands production is lower than total crude bitumen production since overall some volumes are reduced in the process of converting bitumen into synthetic crude oil.

Note: Percentage changes were calculated prior to rounding and therefore the calculations may not be precisely replicable from the figures shown.

Total Bitumen Production

Alberta



Sources: Alberta Energy Regulator (AER) ST-39, ST-43 (up to and including calendar year 2009), ST-53

Metadata is an important component of the Alberta Official Statistics.

Title	Total Bitumen Production, Alberta
Alternative Title	
Creator	Energy
Category	Energy
Abstract	This Alberta Official Statistic presents Total Crude Bitumen Production.
Full Description	This Alberta Official Statistic presents Total Crude Bitumen Production, which consists of Mined Bitumen Production and In-situ Bitumen Production. All historical data are taken from the Alberta Energy Regulator's (AER) reports.
Time Coverage YYYY-MM-DD – YYYY-MM-DD	2003-01-01 to 2014-12-31
Spatial Coverage	Alberta
Data Source	Alberta Energy Regulator (AER) ST-39, ST-43 (up to and including calendar year 2009), ST-53
Risk Considerations	
Usage Considerations	All production data reported in this Alberta Official Statistic is reported by the Alberta Energy Regulator (AER). The data are obtained by the Department of Energy (DOE) from AER's reports, and converted from cubic metres to barrels at the DOE, using the conversion factor of 1 cubic metre = 6.29295 barrels. Total mined bitumen production data for a calendar year is taken from the December AER *ST-39* Report (Alberta Mineable Oil Sands Plant Statistics Monthly Supplement). In the past, the data was also reported in the AER ST-43; ST-43 has been discontinued. The final ST-43 Report included data up to and including calendar year 2009. 1. Total Mined Bitumen Production is determined by adding crude bitumen production for Suncor, Syncrude Aurora, Syncrude Mildred Lake, Albian, CNRL, Shell Jackpine and Imperial Kearrl, reported in the ST-39 Reports. Since ST-39 reports annual mined volumes in cubic metres, the data has to be converted to barrels per day. This is done by dividing the ST-39 data by either 365 or 366, depending on whether the year under consideration is a leap year or not. The resulting volume is then multiplied by 6.29295 to obtain the conversion from cubic metres to barrels. 2. In-situ production data is taken from *ST-53* (Alberta Crude Bitumen In-Situ Production Monthly Statistics). ST- 53 is a monthly report, so a report that includes data for all 12 months in a calendar year can be used to report total in-situ production for that year. Since ST-53 reports data in cubic metres/day it has to be converted to barrels per day by multiplying total result for a calendar year by 6.29295. 3. Total crude bitumen production is different from total marketable oil sands production, which is reported in the Total Crude Oil and Equivalent Production Alberta Official Statistic. Total crude bitumen production is higher than marketable oil sands production since overall some volumes are reduced in the process of converting crude bitumen into Synthetic Crude Oil.
Supporting Documents	*Alberta Energy Regulator - Statistical Reports*
Related Products	

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